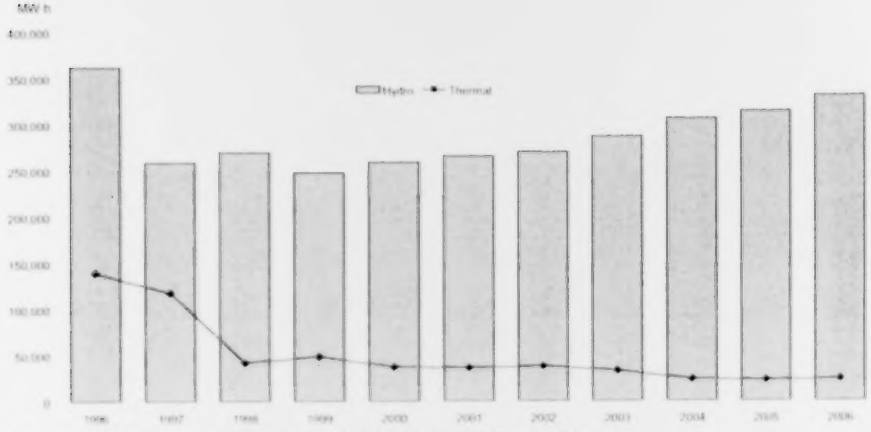
Electricity – *Generation*

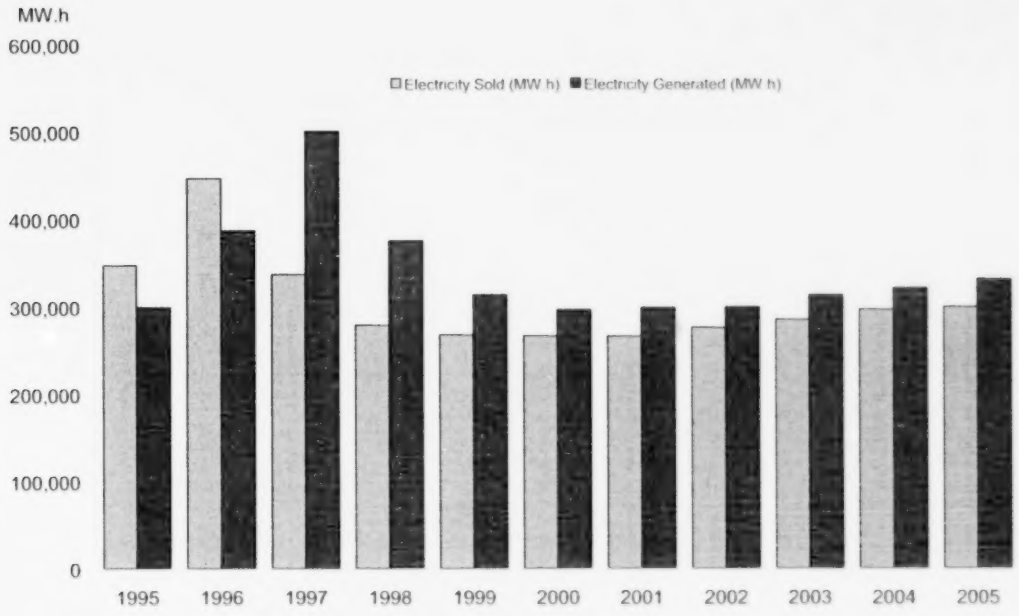
	YUKON ELECTRICAL COMPANY		YUKON ENERGY CORPORATION			YUKON TOTAL		
	HYDRO	THERMAL	HYDRO	THERMAL	WIND	HYDRO	THERMAL	WIND
	(MW.h)		(MW.h)			(MW.h)		
2006	6,950	21,804	324,473	1,694	605	331,423	23,498	605
2005	6,858	21,807	307,717	580	890	314,575	22,387	890
2004	5,799	21,988	301,038	1,705	477	306,837	23,693	477
2003	4,948	21,512	282,391	11,354	898	287,339	32,866	898
2002	8,118	21,824	262,259	16,176	1,087	270,377	38,000	1,087
2001	9,165	21,026	256,709	15,105	1,125	265,874	36,131	1,125
2000	6,930	20,963	252,134	16,026	394	259,064	36,989	394
1999	4,544	20,791	242,798	27,356	267	247,342	48,147	267
1998	5,561	20,013	264,450	21,802	259	270,011	41,815	259
1997	6,343	21,421	252,581	95,881	226	258,924	117,302	226
1996	6,641	20,788	355,391	118,111	221	362,032	138,899	221

- *Hydro electricity*: Energy produced by utilizing the water flow in a river.
- *Thermal electricity*: Energy produced by generators which run on petroleum products (e.g., diesel).
- *Wind electricity*: Wind generator at Haeckel Hill, Whitehorse, went into service in the fall of 1993. A second wind generator was added in October 2000.



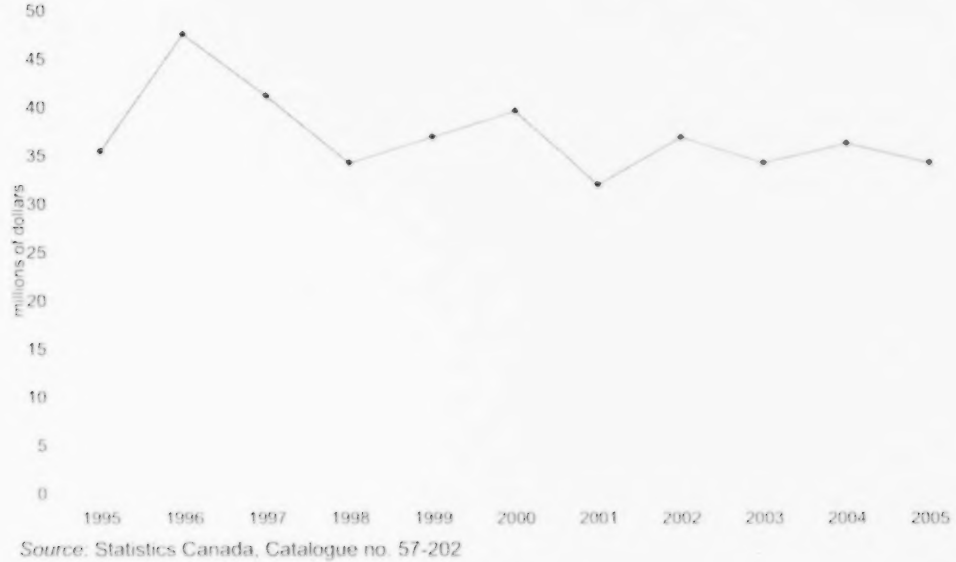
Source: Yukon Electric Company and Yukon Energy Corporation.

Electricity – *Generation and Sales*



Source: Statistics Canada, Catalogue no. 57-202

Value of electricity sold in the Yukon



Source: Statistics Canada, Catalogue no. 57-202

Electricity – *Cost*

Residential/Agricultural Customers

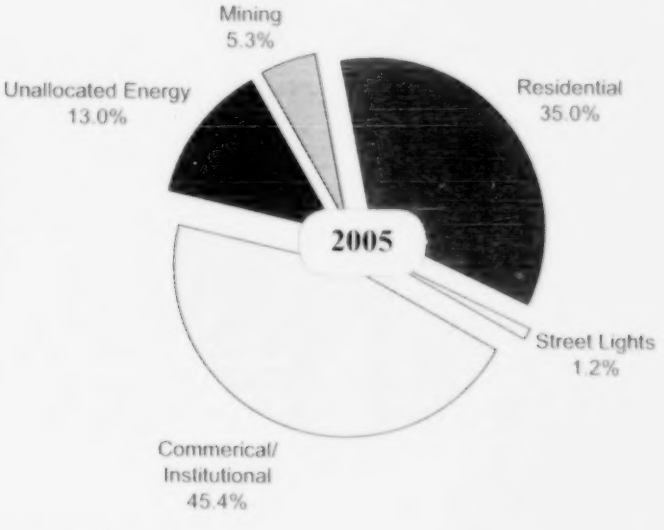
	Average Annual Bill ($)		Consumption Per Customer (KW.h)		Consumer Cost Per KW.h (cents)	
	Canada	**Yukon**	**Canada**	**Yukon**	**Canada**	**Yukon**
2005	1,020.43	1,053.30	12,266	9,157	8.32	11.50
2004 (r)	1,006.53	1,045.19	12,431	9,102	8.10	11.48
2003 (r)	959.81	1,085.77	12,409	9,290	7.73	11.69
2002 (r)	950.43	1,051.87	12,246	9,339	7.76	11.26
2001 (r)	905.81	1,033.32	12,133	9,352	7.47	11.05
2000	887.91	1,388.28	11,950	9,761	7.43	14.22
1999	881.90	1,253.84	11,996	9,702	7.35	12.92
1998	862.83	1,116.12	11,786	9,564	7.32	11.67
1997	890.85	1,129.73	12,339	9,815	7.22	11.51
1996	899.00	1,224.82	12,579	10,604	7.15	11.55
1995	890.69	1,168.79	12,308	10,095	7.23	11.57

Source: Statistics Canada, Catalogue no. 57-202.

This table shows that the average annual electricity bill in the Yukon was $1,053.30 in 2005, an increase of $8.11, or 0.8%, from 2004. Comparing the Yukon to Canada, the Yukon average is $32.87, or 3.2%, more than the Canadian average of $1,020.43. On average, Yukoners consume annually 9,157 KW.h of electricity, 25.3% less than the Canadian average of 12,266 KW.h.

Electricity – *Distribution*

This chart shows the five main categories of electrical use in the Yukon. Their consumption is expressed as a percentage of the Yukon total electrical generation of 343,749 MW.h in 2005.



Source: Statistics Canada, Catalogue no. 57-202.

Domestic sales of Gasoline

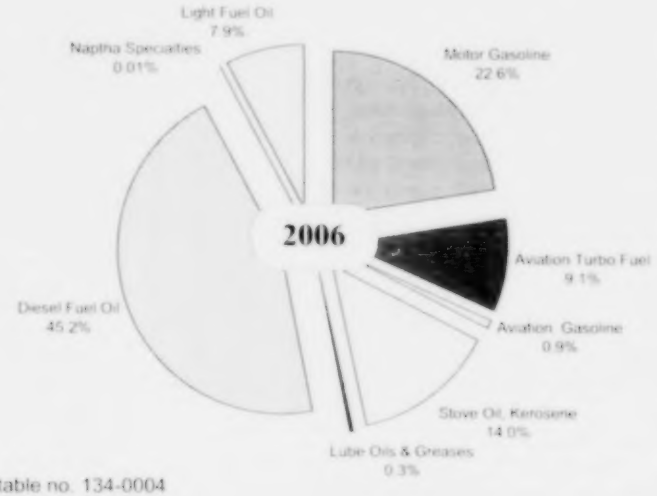
MONTH	Total Sales	Regular Unleaded Gas	Mid-grade Unleaded Gas	Premium Unleaded Gasoline	Retail Sales
2006	cubic metres				
January	2,185	2,069	9	107	1,390
February	2,464	2,330	5	129	1,568
March	2,187	2,038	6	143	1,391
April	2,114	1,979	5	130	1,346
May	2,589	2,404	6	179	1,648
June	2,858	2,668	8	182	1,819
July	3,595	3,408	8	179	2,288
August	3,201	2,990	6	205	2,037
September	2,450	2,253	7	190	1,559
October	2,226	2,095	5	126	1,417
November	1,725	1,649	6	70	1,098
December	1,638	1,500	33	105	1,042
Total	29,232	27,383	104	1,745	18,603

Note: Total sales of motor gasoline are the total sales in the Yukon Territory.
Retail sales of motor gasoline represent the sales conducted by retail service stations only.

Source: Statistics Canada, CANSIM table no. 134-0004

Refined Petroleum Products – *Domestic Sales*

This chart shows the distribution of the eight types of petroleum products sold in the Yukon. Each product is expressed as a percentage of the total petroleum distribution of 129,433 cubic metres in 2006.



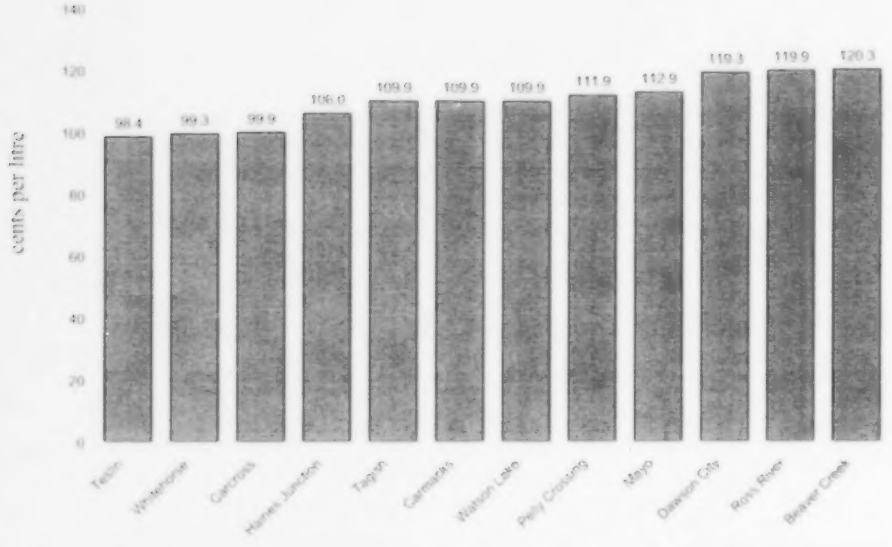
Source: Statistics Canada, CANSIM table no. 134-0004

Average Petroleum Prices, December 2006

	Full-service Stations		Self-service Stations	
	Regular Gasoline	Diesel	Regular Gasoline	Diesel
Communities	cents/litre		cents/litre	
Beaver Creek	..	..	120.3	121.8
Burwash Landing	106.9	109.9	..	..
Carcross	..	..	99.9	110.9
Carmacks	..	..	109.9	111.4
Dawson City	..	..	119.3	120.1
Destruction Bay	109.9	112.9	..	..
Faro	112.9	116.9	..	..
Haines Junction	105.9	105.9	106.0	108.0
Mayo	113.9	120.4	112.9	115.9
Pelly Crossing	..	..	111.9	113.9
Ross River	..	..	119.9	124.9
Tagish	..	..	109.9	114.9
Teslin	..	..	98.4	102.9
Watson Lake	116.9	117.9	109.9	106.2
Whitehorse	98.4	104.9	99.3	103.3

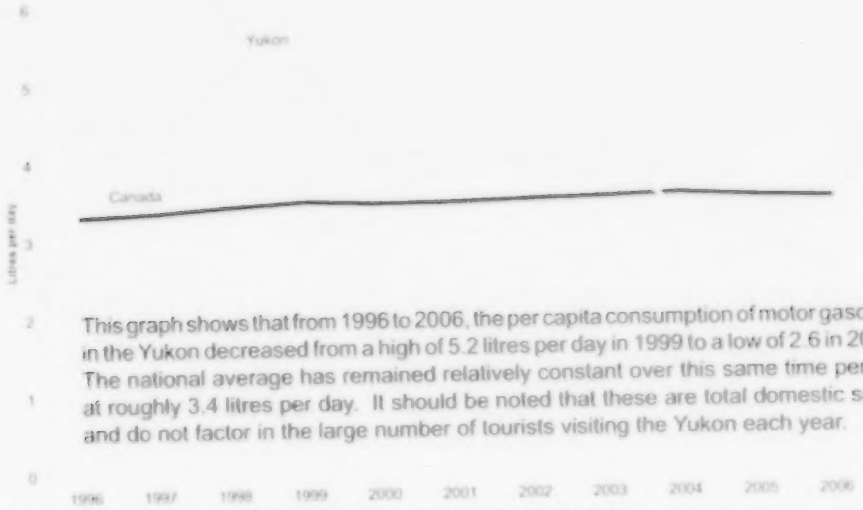
Source: Yukon Bureau of Statistics, *Fuel Survey, as of December 20th, 2006*.

Average price of self-serve regular gasoline by community



Source: Yukon Bureau of Statistics, *Fuel Survey, as of December 20th, 2006*.

Per Capita Daily Gasoline Consumption (litres)



This graph shows that from 1996 to 2006, the per capita consumption of motor gasoline in the Yukon decreased from a high of 5.2 litres per day in 1999 to a low of 2.6 in 2006. The national average has remained relatively constant over this same time period, at roughly 3.4 litres per day. It should be noted that these are total domestic sales and do not factor in the large number of tourists visiting the Yukon each year.

Source: Statistics Canada, CANSIM table no. 134-0004 and 051-0001

Heating Methods

Heating Method, 2005

	Steam or Hot Water Furnaces	Hot Air Furnaces	Heating Stoves[1]	Electric Heating[2]	Other[3]
	%				
Canada	13.2	52.4	4.1	30.2	F
Yukon	13.7	54.1	19.5	12.6	F

1. Heating stoves are localized heating units with no central distribution system to other parts of the house (e.g., oil space heater, gas space heater, wood stoves).
2. Includes permanently installed baseboard electric heating and other types such as floor or ceiling heating wires in all or most rooms.
3. Includes cookstoves and any other type of heating equipment not otherwise listed.

Principal Heating Fuel, 2005

	Oil or Other Liquid Fuel	Natural Gas	Propane	Electricity	Wood	Other
	%					
Canada	9.6	50.4	1.0	34.2	4.5	0.2
Yukon	64.4	F	F	12.9	17.7	F

F = Too unreliable to be published
Source: Statistics Canada, CANSIM table no. 203-0019.

Energy Price Index

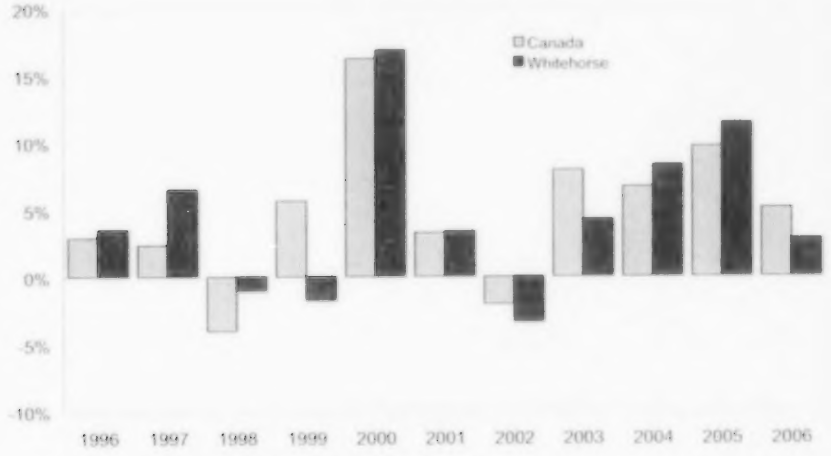
Consumer Price Index
Energy Aggregate, 1992 = 100

	Canada	Whitehorse
2006	**172.2**	**176.4**
2005	163.8	171.6
2004	149.3	154.0
2003	139.9	142.2
2002	129.6	136.4
2001	132.3	141.2
2000	128.1	136.6
1999	110.2	116.9
1998	104.3	119.0
1997	108.7	120.3
1996	106.2	113.0
1995	103.2	109.2
1994	101.8	107.3
1993	101.3	101.4
1992	100.0	100.0

For example: The consumer price index energy aggregate for Whitehorse for 2006 was 176.4 (1992 =100). This means that energy prices were 76.4% higher in 2006 than in 1992.

Source: Statistics Canada, CANSIM table no. 326-0002.
Note: The "Energy Aggregate" includes electricity, natural gas, fuel oil and other fuels, gasoline, and fuel/parts/supplies for recreational vehicles.

Annual Percentage Growth in Energy Costs, 1996 to 2006



Source: Statistics Canada, CANSIM table no. 326-0002

Fuel Oil Costs

	Whitehorse	Vancouver	Toronto	Yellowknife
	cents per litre			
January '07	**102.9**	**94.4**	**80.7**	**96.1**
January '06	93.6	84.9	83.4	85.4
January '05	77.7	72.9	68.1	68.1
January '04	64.2	60.5	58.9	55.0
January '03	65.2	61.2	60.9	55.9
January '02	53.4	49.0	47.5	42.1
January '01	65.9	61.7	64.6	56.3
January '00	47.4	50.4	48.0	47.7
January '99	40.1	40.6	37.1	32.6
January '98	46.9	43.4	42.7	37.3
January '97	44.7	44.1	44.4	42.4

Source: Statistics Canada, CANSIM table no. 326-0009

LEGEND

KW	Kilowatt = 1,000 watts
MW	Megawatt = 1,000,000 watts
KW.h	Kilowatt Hour = One kilowatt of power used for one hour.
MW.h	Megawatt Hour = One megawatt of power used for one hour.
m^3	Cubic metre = 1,000 litres
..	Figures not available

Information sheet no. 59.10 – Jan. 08

Yukon
Executive Council Office
Bureau of Statistics

Additional Information:
Government of Yukon
Executive Council Office
Bureau of Statistics (A-8C)
Box 2703, Whitehorse, Yukon Y1A 2C6
Telephone: (867) 667-5640; Fax: (867) 393-6203
E-mail: ybsinfo@gov.yk.ca
Website: www.gov.yk.ca/depts/eco/stats/index.html